

DETAILED ACTION

1. Claims 59-60 and 64-66 are pending.
2. The rejection of claim 14 under 35 U.S.C. 102(b) as being anticipated by Jouault et al (of record, Glycobiology 11(8): 693-701, 2001; PTO 1449) has been obviated by cancellation of claim 14 in the amendment filed July 12, 2011.
3. The rejection of claim 14 under 35 U.S.C. 102(e) as being anticipated by US 20060233805 (claimed earliest priority to September 20, 2002; PTO 892) has been obviated by cancellation of claim 14 in the amendment filed July 12, 2011.
4. The rejection of claims 14 and 61-63 under 35 U.S.C. 103(a) as being unpatentable over Jouault et al (of record, Glycobiology 11(8): 693-701, 2001; PTO 1449) or US 20060233805 application (claimed earliest priority to September 20, 2002; PTO 892) each in view of US Pat No 5,028,592 (of record, issued July 2, 1991; PTO 892) has been obviated by the amendment filed July 12, 2011.
5. The rejection of claims 14 and 58 under 35 U.S.C. 103(a) as being unpatentable over Jouault et al (of record, Glycobiology 11(8): 693-701, 2001; PTO 1449) or US 20060233805 application (claimed earliest priority to September 20, 2002; PTO 892) each in view of Heck et al (of record, Proc Natl Acad Sci 93:4036-4039, April 1996; PTO 892) has been obviated by the amendment filed July 12, 2011.
6. The new matter rejection of claim 66 under 35 U.S.C. 112, first paragraph, has been obviated by the amendment filed July 12, 2011.
7. The rejection of claim 65 under 35 U.S.C. 112, second paragraph, as being indefinite has been obviated by the claim amendment filed July 12, 2011.
8. The objection to claim 59 has been obviated by the claim amendment filed July 12, 2011.

EXAMINER'S AMENDMENT

9. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
10. Authorization for this examiner's amendment was given in a telephone interview with Leonard C Mitchard on July 22, 2011.
11. **In the claims:**
 - Claim 59, line 5, "Phe-His-Glu-Trp-Pro (SEQ ID NO: 4);" has been deleted.
 - Claim 59, line 9, "Lvs" has been changed to -- Lys --
 - Claim 59, line 22, "(SEQ ID NO:57);" has been deleted.
 - Claim 59, line 23, "(SEQ ID NO:58);" has been deleted.
 - Claim 59, line 24, "(SEQ ID NO:59);" has been deleted.
 - Claim 59, line 25, "(SEQ ID NO:60);" has been deleted.
 - Claim 60, line 1, "comprising" has been changed to -- wherein --
 - Claim 60, line 2, "which" has been deleted.
 - Claim 64, line 1, "A peptide of claim 59 wherein said peptide" has been changed to -- A labeled peptide wherein the peptide of claim 59 --
 - Claim 65, line 2, "is" has been changed to -- being --
 - Claim 66, line 2, "comprised" has been changed to -- which is --
12. Claims 59-60 and 64-66 are allowed.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Phuong Huynh, PhD** whose telephone number is (571) 272-0846. The examiner can normally be reached Monday through Friday from 9:00 am to 5:30 p.m. A message may be left on the examiner's voice mail service. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Ram Shukla** can be reached on (571) 272-0735. The IFW official Fax number is (703) 872-9306.

14. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Phuong Huynh/
Primary Examiner, Art Unit 1644